



Albatross Equipment Earthworks
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Inspection Checklist for 2018 CATERPILLAR 304E2 CR



Boom, Arm, and Bucket

- Boom and Arm: Inspected for cracks, dents, and wear; no visible cracks or structural damage. Minor surface wear consistent with hours.
- Hydraulic Cylinders: Fully operational, no visible leaks, scratches, or pitting on cylinder rods.
- Bucket: 24" bucket with teeth inspected; minor wear on bucket teeth, no cracks or structural damage. Coupler secure and functioning correctly.

Hydraulic System

- Hydraulic Fluid Levels: Checked and within the recommended range.
- Hoses: Inspected for leaks, kinks, and wear; no leaks found, minor surface wear on hoses noted.
- Hydraulic Pump: Functioning properly under load, no unusual noises or performance issues.
- Auxiliary Hydraulics: Fully operational, including hydraulic thumb and coupler.

Undercarriage

- Tracks: Rubber tracks inspected; approximately 85% life remaining, no major cracks or damage.
- Sprockets and Rollers: Minimal wear, functioning within specifications.

- Track Tension: Properly adjusted and within operational range.

Swing Drive and Swing Motor

- Swing Drive: Operates smoothly with no unusual noises or jerks.
- Swing Motor: Inspected; functioning correctly, no visible leaks or performance issues.

Engine

- Oil Levels: Checked and within normal range. Oil clean, no signs of contamination.
- Exhaust: No unusual noise or smoke during operation.
- Filters: Inspected and clean, no need for immediate replacement.
- Performance: Engine runs smoothly under load, delivering consistent power.

Cab and Operator Controls

- Interior Condition: Clean and well-maintained. No cracks or damage to interior components.
- HVAC System: Heat and A/C fully functional; no unusual noises or performance issues.
- Operator Seat: Good condition, secure with no visible tears or wear.
- Controls and Gauges: All controls, gauges, and the rearview camera are functional.

Backfill Blade

- Condition: Straight and free from structural damage. Blade surface shows minor wear.
- Hydraulic Operation: Blade raises, lowers, and angles smoothly under operation.

Transmission and Drivetrain

- 2-Speed Travel: Inspected and functioning correctly in both speed ranges. No jerking or unusual noises during travel.
- Steering and Maneuverability: Smooth and responsive, no performance issues noted.

General Condition

- Body Panels and Paint: Good overall condition with minor cosmetic scratches consistent with usage.
- Lighting: All lights operational, including work and safety lights.

Summary of Findings:

The 2018 Caterpillar 304E2 CR is in good condition with minimal wear consistent with the reported hours (534). No significant issues or immediate maintenance requirements were identified during this inspection. This excavator is work-ready and fully operational across all systems.